

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("3928000") or ("3912775") or ("3838994").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:38
L2	27	(US-3938968-\$ or US-3912775-\$ or US-4491564-\$ or US-4422961-\$ or US-4402868-\$ or US-4368142-\$ or US-4341531-\$ or US-4331544-\$ or US-4260553-\$ or US-4253991-\$ or US-4242105-\$ or US-4177202-\$ or US-4134908-\$ or US-4073716-\$ or US-4071331-\$ or US-3993457-\$ or US-3989734-\$ or US-3958957-\$ or US-3933883-\$ or US-3928000-\$ or US-3922148-\$ or US-3890113-\$ or US-3888043-\$ or US-3838994-\$ or US-3709669-\$ or US-4622308-\$).did. or (US-4824440-\$).did.	USPAT	ADJ	ON	2010/12/17 14:49
L3	448115	I2 and benzene or toluene	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/17 14:49
L4	5	I2 and (benzene or toluene)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/17 14:49
L5	1	("3890113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 15:10
L6	1	I5 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/17 15:10
L7	2	I1 and fluid\$7 with bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/17 15:22
L8	0	I1 and filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/17 15:28
L9	1	I1 and filt\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/17 15:28
L10	2	I1 and activ\$5 with carbon	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/17 15:29
S1	1	("20070299288").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 23:17
S2	5	("4011058") or ("3600145") or ("3927999") or ("4397964").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 23:18

S3	1	ep-86538-\$ did.	DERWENT	ADJ	ON	2010/03/23 23:19
S5	1	wo-8801611-\$ did.	DERWENT	ADJ	ON	2010/03/23 23:20
S6	54989	(martin near2 seemann or serge near2 biollaz or samuel or stucki).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 10:55
S7	17	(martin near2 seemann or serge near2 biollaz or samuel near2 stucki).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 10:55
S8	6	(("4011058") or ("3600145") or ("3927999") or ("4397964") or ("4822935")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/06 10:58
S9	3	S7 and methane	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:03
S10	9407	48/197r-197a,127.1.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:03
S11	1157	S10 and (generat\$4 or produc\$4) near2 (methane or sng or natural gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:04
S12	238	S10 and (generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and cataly\$7 and ((space or spaced) velocity or sv or ghsv)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:05
S13	49	S10 and (generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and cataly\$7 and ((space or spaced) velocity or sv or ghsv) and (ni or nickel) and ceramic and oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:07
S14	11	"48".clas. and (generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and cataly\$7 and ((space or spaced) velocity or sv or ghsv) and (ni or nickel) and ceramic and oxide not S13	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:12
S15	372	(generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and ((space or spaced) velocity or sv or ghsv) and ((ni or nickel) and ceramic and oxide) same cataly\$7 not S13 not S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:13

S16	231	(generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and ((space or spaced) velocity or sv or ghsv) and ((ni or nickel) and ceramic with cataly\$7 and (metal or nickel or ni) with oxide not S13 not S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:13
S17	120	(generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and ((space or spaced) velocity or sv or ghsv) and ((ni or nickel) and ceramic with cataly\$7 and (metal or nickel or ni) with oxide and residence time not S13 not S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:14
S18	63	(generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and ((space or spaced) velocity or sv or ghsv) and ((ni or nickel) and ceramic with cataly\$7 and (metal or nickel or ni) with oxide and residence time and fluid\$5 near2 bed not S13 not S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:14
S19	2	(US-3938968-\$ or US-3912775-\$).did.	USPAT	ADJ	ON	2010/04/06 11:15
S20	1	S19 and fluidiz\$5 near5 bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:15
S21	50	(generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and ((space or spaced) velocity or sv or ghsv) and ((ni or nickel) and ceramic with cataly\$7 and (metal or nickel or ni) with oxide and residence time and fluid\$5 near2 bed not S13 not S14 not (vinegar or wellington).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:15
S22	92	(generat\$4 or produc\$4) near2 (methane or sng or natural gas) and methane and ((space or spaced) velocity or sv or ghsv) and ((ni or nickel) and ceramic and oxide) same cataly\$7 and fluidiz\$5 near2 bed not S13 not S14 not S18	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:19

S23	21	("2830883" "3025149" "3031287" "3194644" "3511624" "3728093").PN. OR ("3938968").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:22
S24	1824	(((generat\$4 or produc\$4) adj2 (methane or "ch. sub.4" or sng or synthetic natural gas) or methanat\$4).ab. or ((generat\$4 or produc\$4) adj2 (methane or "ch.sub.4" or sng or synthetic natural gas) or methanat\$4).ti. or ((generat\$4 or produc\$4) adj2 (methane or "ch. sub.4" or sng or synthetic natural gas) or methanat\$4).clm.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:24
S25	116	S24 and fluidiz\$5 near2 bed and cataly\$7 and ((space or spaced) velocity or ghsv or sv)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:25
S26	25	(US-3938968-\$ or US-3912775-\$ or US-4491564-\$ or US-4422961-\$ or US-4402868-\$ or US-4368142-\$ or US-4341531-\$ or US-4331544-\$ or US-4260553-\$ or US-4253991-\$ or US-4242105-\$ or US-4177202-\$ or US-4134908-\$ or US-4073716-\$ or US-4071331-\$ or US-3993457-\$ or US-3989734-\$ or US-3958957-\$ or US-3933883-\$ or US-3928000-\$ or US-3922148-\$ or US-3890113-\$ or US-3888043-\$ or US-3838994-\$ or US-3709669-\$).did.	USPAT	ADJ	ON	2010/04/06 12:02
S27	1	("3938968").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/06 12:02
S28	22	S26 and cataly\$7 with ((nickel or ni) and oxide)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:02
S29	2	S26 and cataly\$7 with ceramic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:03
S30	4	S26 and concentration with (co or carbon monoxide or hydrogen or "h.sub.2") with (feed or input or initial)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:03
S31	1	("20070299288").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/06 12:04

S32	1	S31 and concentration with (co or carbon monoxide or hydrogen or "h.sub.2") with (feed or input or initial)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:04
S33	1	S31 and concentration	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:05
S34	20	S26 and (cataly\$7 or bed) with (temperature and pressure and (velocity or ghsv or sv))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:06
S35	18	S26 and (cataly\$7 or bed) with (temperature and pressure and ((space or spaced) velocity or ghsv or sv))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:06
S36	0	S26 and S8	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:07
S37	11	S26 and concentration with (co or carbon monoxide or hydrogen or "h.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:08
S38	23	S26 and cataly\$7 with (weight or size)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 12:28
S39	1	("3938968").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/06 12:29
S40	7	S26 and (unsaturate or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:18
S41	7	S26 and (unsaturate or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:18
S42	2	S26 and (unsaturate or aromatic) with (volume or vol or percent\$3 or concentration)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:18
S43	1	("3912775").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/06 13:19
S44	2	S39 or S43	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:20
S45	2	S44 and (steam or water vapor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:20
S46	2	S44 and (steam or water vapor) with (co or carbon monoxide) with (hydrogen or "h.sub.2") with (carbon dioxide or "co.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:21
S47	2	S44 and ceramic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:24
S48	2	S44 and (aromatic or unsaturat\$4 or benzene or toluene or naphthalene)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:25

S49	7	S26 and (aromatic or unsaturat\$4 or benzene or toluene or naphthalene)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:27
S50	1	S44 and fluidiz\$4 with bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:53
S51	1	S44 and fluid\$4 with bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:53
S52	2	S44 and bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:53
S53	2	S44 and (nickel or ni or oxide) with cataly\$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:55
S54	0	S44 and nickel oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:56
S55	2	S44 and metal with cataly \$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:56
S56	2	S44 and (nickel or ni or oxide) with cataly\$7 and ceramic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:56
S57	2	S44 and (nickel or ni or oxide) with cataly\$7 same ceramic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 13:57
S58	1	S44 and cataly\$7 with (size or mu or particle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:04
S59	2	S44 and temperature same pressure same velocity	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:05
S60	2	S44 and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:05
S61	0	S44 and residence time	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:10
S62	2	S44 and time	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:10
S63	13	S26 and nickel oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:12
S64	13	S26 and nickel oxide and fluidiz\$4 with bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:12
S65	8	S26 and nickel oxide and fluidiz\$4 with bed and cataly\$7 with (size or particle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:13
S66	2	S26 and nickel oxide and fluidiz\$4 with bed and cataly\$7 with (size or particle) and residence time	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:13
S67	2	S26 and nickel oxide and fluidiz\$4 with bed and cataly\$7 with (size or particle) and residence time and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:13

S68	2	S26 and nickel oxide and fluidiz\$4 with bed and cataly\$7 with (size or particle or mu) and residence time and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:14
S69	1	("3928000").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/06 14:18
S70	1	S69 and (steam or water vapor) with (co or carbon monoxide) with (hydrogen or "h.sub.2") with (carbon dioxide or "co.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:19
S71	0	S70 and (aromatic or unsaturat\$4 or benzene or toluene or naphthalene)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:19
S72	1	S69 and methan\$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:20
S73	1	S69 and (feed or input)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:26
S74	0	S26 and unsaturated and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:34
S75	4	S26 and volatile	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:35
S76	0	S69 and ethane	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:35
S77	1	S69 and cataly\$7 same nickel oxide same (alumina or ceramic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 15:05
S78	0	S69 and cataly\$7 same active	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 15:12
S79	1	S69 and cataly\$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 15:12
S80	5	S26 and (benzene or toluene or naphthalene)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 15:15
S81	5	S26 and (benzene or toluene or naphthalene) and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 15:26
S82	5	S26 and (benzene or toluene or naphthalene) same aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 15:42
S83	3	(("3928000") or ("3912775") or ("3838994")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/06 15:53
S84	3	((("3928000") or ("3912775") or ("3838994")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/14 17:15
S85	0	S84 and biomass	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:20

S86	2	S84 and (activat\$3 or filter) with carbon	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:20
S87	2	S84 and fluid\$7 with bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:22
S88	25	(US-3938968-\$ or US-3912775-\$ or US-4491564-\$ or US-4422961-\$ or US-4402868-\$ or US-4368142-\$ or US-4341531-\$ or US-4331544-\$ or US-4260553-\$ or US-4253991-\$ or US-4242105-\$ or US-4177202-\$ or US-4134908-\$ or US-4073716-\$ or US-4071331-\$ or US-3993457-\$ or US-3989734-\$ or US-3958957-\$ or US-3933883-\$ or US-3928000-\$ or US-3922148-\$ or US-3890113-\$ or US-3888043-\$ or US-3838994-\$ or US-3709669-\$).did.	USPAT	ADJ	ON	2010/12/14 17:25
S89	7	S88 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:25
S90	0	S88 and aromatic and biomass	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:25
S91	2	(("4177202") or ("3912775")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/14 17:33
S92	2	S91 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:45
S93	0	S88 and biomass	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:46
S94	16	biomass with gasif\$7 same3 aromatic with (synthesis gas or syngas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:47
S95	31	biomass with gasif\$7 and aromatic with (synthesis gas or syngas) not S94	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 17:50
S96	18	biomass and gasif\$7 and aromatic with (synthesis gas or syngas) not S94 not S95	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 18:38
S97	809	gasif\$7 and methan\$7 with aromatic not S88	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:03
S98	40	gasif\$7 and methan\$7 with aromatic with (syngas or synthesis gas) not S88	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:03
S99	25	gasif\$7 and methan\$7 with aromatic with (syngas or synthesis gas) not S88 not S95 not S94 not S96	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:05
S100	1	("4622308").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/14 19:10

S101	1	S100 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:10
S102	1	S100 and methan\$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:11
S103	0	S100 and bio\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:28
S104	0	S100 and bio\$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:28
S105	1	S100 and bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 19:43
S106	1	S100 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:03
S107	244	(synthesis gas or syngas or (hydrogen and carbon monoxide and (steam or water))) with aromatic and cataly\$7 with bed and (methanat\$4 or gasif\$7)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:20
S108	102	(synthesis gas or syngas or (hydrogen and carbon monoxide and (steam or water))) with aromatic and cataly\$7 with bed and (methanat\$4 or gasif\$7) and @pd<"20040212"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:21
S109	202	methanat\$5 with aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:29
S110	47	methanat\$5 near5 aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:30
S111	187	(produc\$4 or generat\$4) near2 methane near5 aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:32
S112	64	(produc\$4 or generat\$4) adj2 methane adj10 aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:33
S113	3	(produc\$4 or generat\$4) adj2 (sng or synthetic natural gas) adj10 aromatic not S112	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:53
S114	8	crack\$3 near2 aromatic with methane	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/14 20:54
S115	4819	"518".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 16:55
S116	320	S115 and biomass	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 16:55
S117	154	S115 and biomass with gasif\$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 16:55
S118	58	S115 and biomass with gasif\$7 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 16:55

S119	4819	"518".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:13
S120	182	S119 and aromatic with (syngas or synthesis gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:13
S121	58	S119 and biomass with gasif\$7 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:14
S122	11	S119 and aromatic with (syngas or synthesis gas) and biomass not S121	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:14
S123	20	aromatic with (syngas or synthesis gas) and biomass with gasif\$7 with (syngas or synthesis gas) not S121 not S122	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:17
S124	1	("6767375").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/16 18:25
S125	1	S124 and aromatic and (syngas or synthesis gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:25
S126	6	S119 and (syngas or synthesis gas) with ("c. sub.2" or ethane) with biomass	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:31
S127	10	S119 and (syngas or synthesis gas) with aromatic with biomass not S126	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:32
S128	3	(("3928000") or ("3912775") or ("3838994")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/16 18:34
S129	1	S128 and (wood or waste or bio\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:37
S130	73	gasif\$7 with biomass with (syngas or synthesis gas) and syngas with (ethane or ethanol or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:39
S131	56	gasif\$7 with biomass with (syngas or synthesis gas) and syngas with (ethane or ethanol or aromatic) not S121 not S122 not S123 not S126 not S127 not S128	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:39

S132	27	(US-3938968-\$ or US-3912775-\$ or US-4491564-\$ or US-4422961-\$ or US-4402868-\$ or US-4368142-\$ or US-4341531-\$ or US-4331544-\$ or US-4260553-\$ or US-4253991-\$ or US-4242105-\$ or US-4177202-\$ or US-4134908-\$ or US-4073716-\$ or US-4071331-\$ or US-3993457-\$ or US-3989734-\$ or US-3958957-\$ or US-3933883-\$ or US-3928000-\$ or US-3922148-\$ or US-3890113-\$ or US-3888043-\$ or US-3838994-\$ or US-3709669-\$ or US-4622308-\$).did. or (US-4824440-\$).did.	USPAT	ADJ	ON	2010/12/16 18:42
S133	0	S132 and biomass	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 18:42
S134	9	gasif\$7 with wood and aromatic with (syngas or synthesis gas) and (methanat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 22:57
S135	7	gasif\$7 with wood and aromatic and (methanat \$4) not S134	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:01
S136	73	gasif\$7 with wood and aromatic and methane not S134 not S135	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:06
S137	7	gasif\$7 with wood and methanat\$4 with sulfur	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:15
S138	3	(("3928000") or ("3912775") or ("3838994")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/16 23:36
S139	1	S138 and ethane	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:36
S140	120	(biomass or wood) with gasif\$7 and methanat\$5 not S134 not S135 not S137 not S138	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:38
S141	2	S138 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:38
S142	103	(biomass or wood) with gasif\$7 and methanat\$5 not S134 not S135 not S137 not S138 not greatpoint	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:39

S143	40	(US-20050135983-\$ or US-20050106429-\$ or US-20040197612-\$ or US-20040131912-\$ or US-20040005492-\$ or US-20030233788-\$ or US-20030143448-\$ or US-20030115800-\$ or US-20030046868-\$).did. or (US-7819070-\$ or US-7790776-\$ or US-7784415-\$ or US-7753972-\$ or US-7575613-\$ or US-7553568-\$ or US-7538060-\$ or US-7425657-\$ or US-7393876-\$ or US-7387849-\$ or US-7374742-\$ or US-7285350-\$ or US-7229483-\$ or US-7097925-\$ or US-6432368-\$ or US-5980840-\$ or US-5912198-\$ or US-5616154-\$ or US-5554453-\$ or US-5507846-\$ or US-5328883-\$ or US-5198310-\$ or US-5196634-\$ or US-4524056-\$ or US-4385905-\$ or US-4329156-\$).did. or (US-4251227-\$ or US-4181504-\$ or US-4152122-\$ or US-4141694-\$ or US-3963426-\$).did.	US-PGPUB; USPAT	ADJ	ON	2010/12/16 23:44
S144	9	S143 and aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:44
S145	0	(biomass or wood) with gasif\$7 and methanat\$5 n and S143	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:51
S146	0	(biomass or wood) with gasif\$7 and methanat \$5and S143	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:52
S147	40	(biomass or wood) with gasif\$7 and methanat\$5 and S143	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/16 23:52

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